ALMANAC CCXXVIII PERIGEES OF VENUS IN CE

The almanac CCXXVIII contains a list of perigees of Venus from the 1st millennium CE to the 3rd millennium CE.

1ST MILLENNIUM CE

This is a list of perigees of Venus in the 1st millennium CE.

DATA TDT DISTANCE

mln

km

1/03/30 22:56:14 43.105768

2/11/03 11:26:59	39.555230
4/06/08 14:04:08	43.313641
6/01/15 09:45:16	40.810720
7/08/19 14:47:43	42.094162
9/03/28 14:51:06	43.068491
10/11/01 00:56:46	39.608225
12/06/06 06:03:41	43.327298
14/01/12 23:12:53	40.707374
15/08/17 05:08:08	42.173500
17/03/26 06:48:17	43.027689
18/10/29 14:03:54	39.663671
20/06/03 22:23:35	43.332009
22/01/10 12:55:27	40.606273
23/08/14 19:26:16	42.245041
25/03/23 22:09:17	42.992348
26/10/27 03:00:30	39.715390
28/06/01 15:01:05	43.342651
30/01/08 02:54:18	40.506403
31/08/12 09:25:20	42.325716
33/03/21 13:03:29	42.948332
34/10/24 16:08:49	39.779844
36/05/30 07:54:09	43.346927
38/01/05 16:57:30	40.415440
39/08/09 23:03:37	42.396964
41/03/19 03:42:22	42.898227
42/10/22 05:27:26	39.841276
44/05/28 00:58:18	43.352683

46/01/03 06:30:07 40.324530

47/08/07 12:46:42 42.460827

49/03/16 18:29:00 42.845827

50/10/19 19:14:13	39.909618
52/05/25 17:58:49	43.363931

53/12/31 19:46:30 40.239595

55/08/05 02:46:06 42.523361

57/03/14 09:24:46 42.789448

58/10/17 09:03:27 39.985953

60/05/23 10:31:52 43.373335

61/12/29 09:01:03 40.149931

63/08/02 17:16:27 42.582425

65/03/12 00:43:20 42.725308

66/10/14 22:34:19 40.069782

68/05/21 02:51:15 43.374278

69/12/26 22:09:07 40.067183

71/07/31 08:06:24 42.634855

73/03/09 15:58:54 42.670982

74/10/12 11:32:36 40.154365

76/05/18 19:08:40 43.380348

77/12/24 11:38:18 39.982451

79/07/28 23:13:13 42.695391

81/03/07 06:48:41 42.608362

82/10/10 00:21:06 40.242613

84/05/16 11:32:31 43.376556

85/12/22 01:40:01 39.902119

87/07/26 14:03:03 42.751483

89/03/04 21:14:05 42.543221

90/10/07 13:01:43 40.328823

92/05/14 04:19:35 43.370821

93/12/19 15:42:14 39.832456

95/07/24 04:44:26 42.803540

97/03/02 11:19:38 42.478936

98/10/05 02:09:32	40.417382
100/05/11 21:28:06	43.368402
101/12/17 05:34:21	39.770981
103/07/21 19:13:20	42.852948
105/02/28 01:10:16	42.404166
106/10/02 15:41:06	40.505231
108/05/09 14:30:52	43.366793
109/12/14 19:09:56	39.707704
111/07/19 09:53:50	42.898505
113/02/25 15:23:04	42.320493
114/09/30 05:22:51	40.603194
116/05/07 07:17:33	43.362051
117/12/12 08:25:46	39.658691
119/07/17 00:47:25	42.935430
121/02/23 05:57:34	42.245094
122/09/27 18:47:42	40.701981
124/05/04 23:47:53	43.361549
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127/07/14 16:21:54	42.971903
129/02/20 20:30:52	42.162188
130/09/25 08:01:43	40.799975
132/05/02 15:48:38	43.354303
133/12/07 11:01:53	39.554821
135/07/12 08:07:59	43.009565
137/02/18 10:54:01	42.078856
138/09/22 20:42:46	40.902612
140/04/30 07:54:28	43.341609
141/12/05 00:49:17	39.516919
143/07/09 23:59:19	43.046704

145/02/16 01:02:00 41.999632

146/09/20 09:24:43	41.001416
148/04/28 00:20:10	43.326654
149/12/02 14:57:27	39.482406
151/07/07 15:38:21	43.081099
153/02/13 14:37:24	41.913696
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156/04/25 17:02:44	43.313365
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161/02/11 04:02:38	41.821588
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164/04/23 09:49:07	43.296789
165/11/27 18:55:42	39.441384
167/07/02 22:12:39	43.145949
169/02/08 17:37:42	41.728583
170/09/13 01:22:41	41.285853
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173/11/25 08:15:08	39.430351
175/06/30 13:49:47	43.167180
177/02/06 07:21:08	41.629718
178/09/10 15:08:52	41.379457
180/04/18 18:47:02	43.269158
181/11/22 21:23:45	39.420218
183/06/28 05:45:48	43.191601
185/02/03 21:28:07	41.530989
186/09/08 04:35:54	41.482108
188/04/16 10:40:25	43.251194
189/11/20 10:45:56	39.420118

191/06/25 22:10:25 43.211604

193/02/01 11:43:18 41.434618

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197/11/18 00:24:24	39.422380
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205/11/15 14:21:32	39.431775
207/06/21 07:16:50	43.254509
209/01/27 14:59:28	41.244601
210/08/31 19:43:26	41.761399
212/04/09 09:58:16	43.170759
213/11/13 04:32:11	39.452834
215/06/18 23:18:38	43.275868
217/01/25 04:12:54	41.144251
218/08/29 09:05:43	41.847104
220/04/07 02:16:56	43.135929
221/11/10 18:22:20	39.481763
223/06/16 15:17:29	43.289161
225/01/22 17:15:55	41.045272
226/08/26 23:03:01	41.926516
228/04/04 18:25:58	43.109584
229/11/08 07:47:29	39.516426
231/06/14 07:11:35	43.305485
233/01/20 06:36:27	40.942374
234/08/24 13:11:35	42.013870
236/04/02 10:19:54	43.077040
237/11/05 21:01:34	39.557224
239/06/11 23:26:28	43.313547
241/01/17 20:27:11	40.836521

242/08/22 03:15:51	42.098086
244/03/31 01:49:50	43.041944
245/11/03 10:03:03	39.599695
247/06/09 16:03:26	43.319216
249/01/15 10:29:07	40.739238
250/08/19 16:55:47	42.180007
252/03/28 17:04:39	43.008945
253/10/31 23:21:51	39.646836
255/06/07 09:06:30	43.329142
257/01/13 00:20:27	40.645477
258/08/17 06:26:15	42.258462
260/03/26 07:54:06	42.966964
261/10/29 13:05:58	39.695296
263/06/05 01:57:48	43.339923
265/01/10 13:52:39	40.547824
266/08/14 19:50:40	42.333105
268/03/23 22:58:12	42.915164
269/10/27 02:56:59	39.757905
271/06/02 18:43:41	43.346512
273/01/08 02:58:07	40.460515
274/08/12 09:39:17	42.399012
276/03/21 14:19:36	42.869780
277/10/24 16:42:28	39.824527
279/05/31 11:08:30	43.358034
281/01/05 15:55:06	40.365365
282/08/10 00:01:49	42.465259
284/03/19 05:50:43	42.816014
285/10/22 06:20:06	39.895444
287/05/29 03:24:51	43.362674
289/01/03 05:13:31	40.269401

290/08/07 14:47:22	42.529730
292/03/16 21:13:22	42.764223
293/10/19 19:24:12	39.975022
295/05/26 19:37:55	43.362544
296/12/31 18:52:11	40.182309
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308/03/12 02:48:00	42.658921
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312/12/26 22:41:15	40.011943
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316/03/09 17:01:02	42.595564
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322/07/29 00:28:37	42.772034
324/03/07 07:16:30	42.532671
325/10/10 00:04:43	40.302033
327/05/17 15:17:47	43.353572
328/12/22 01:48:12	39.874440
330/07/26 14:55:31	42.818488
332/03/04 21:41:11	42.460479
333/10/07 13:57:07	40.389577
335/05/15 08:04:31	43.354279

336/12/19 14:54:51 39.806280

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343/05/13 00:23:39	43.352931
344/12/17 04:10:14	39.743009
346/07/21 21:05:58	42.909960
348/02/29 03:21:34	42.314614
349/10/02 16:33:09	40.588833
351/05/10 16:38:08	43.343092
352/12/14 17:38:25	39.682113
354/07/19 12:39:09	42.947806
356/02/26 17:49:24	42.245076
357/09/30 05:16:53	40.681204
359/05/08 08:53:19	43.337503
360/12/12 07:29:12	39.623531
362/07/17 04:10:46	42.995377
364/02/24 07:49:51	42.169268
365/09/27 18:03:27	40.782170
367/05/06 01:24:16	43.322383
368/12/09 21:39:12	39.579408
370/07/14 19:20:14	43.036274
372/02/21 21:34:10	42.089268
373/09/25 07:04:45	40.876626
375/05/03 18:18:26	43.306918
376/12/07 11:33:52	39.538666
378/07/12 10:27:59	43.071153
380/02/19 11:07:32	42.005930
381/09/22 20:38:20	40.970364
383/05/01 11:23:17	43.297832
384/12/05 01:17:40	39.508488

386/07/10 01:31:57	43.105110
388/02/17 00:48:22	41.918568
389/09/20 10:23:18	41.070064
391/04/29 04:02:19	43.287289
392/12/02 14:41:12	39.480775
394/07/07 16:52:36	43.133645
396/02/14 14:55:24	41.823196
397/09/18 00:03:26	41.173110
399/04/26 20:21:53	43.270397
400/11/30 03:46:41	39.460603
402/07/05 08:39:14	43.153715
404/02/12 05:06:36	41.736045
405/09/15 13:15:51	41.273217
407/04/24 12:22:25	43.259878
408/11/27 17:04:28	39.441288
410/07/03 00:58:46	43.181232
412/02/09 19:16:02	41.645058
413/09/13 02:21:40	41.375552
415/04/22 04:07:29	43.238421
416/11/25 06:59:09	39.426775
418/06/30 17:14:47	43.205415
420/02/07 09:08:55	41.552675
421/09/10 15:09:28	41.471416
423/04/19 20:08:51	43.212433
424/11/22 21:03:25	39.422846
426/06/28 09:26:49	43.228025
428/02/04 22:34:37	41.465115
429/09/08 04:15:15	41.564317
431/04/17 12:30:40	43.188813
432/11/20 11:10:19	39.430318

434/06/26 01:19:03	43.251815
436/02/02 11:39:23	41.369703
437/09/05 17:44:22	41.653756
439/04/15 04:56:00	43.162619
440/11/18 01:02:44	39.439214
442/06/23 17:00:41	43.272213
444/01/31 00:53:28	41.265400
445/09/03 07:39:22	41.745766
447/04/12 21:20:27	43.135000
448/11/15 14:28:59	39.462970
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452/01/28 14:26:52	41.169888
453/08/31 21:31:10	41.836552
455/04/10 13:27:58	43.113224
456/11/13 03:35:03	39.486886
458/06/19 00:59:57	43.294700
460/01/26 04:13:49	41.067588
461/08/29 11:27:57	41.926484
463/04/08 04:58:40	43.084295
464/11/10 16:50:56	39.510366
466/06/16 17:32:51	43.305524
468/01/23 18:11:33	40.965857
469/08/27 00:54:42	42.018498
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472/11/08 06:20:48	39.546357
474/06/14 10:28:00	43.314862
476/01/21 08:03:10	40.874436
477/08/24 14:08:53	42.104449
479/04/03 11:35:17	43.014092
480/11/05 20:14:52	39.585403

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484/01/18 21:25:26	40.779459
485/08/22 03:28:34	42.180896
487/04/01 03:00:36	42.973226
488/11/03 10:17:24	39.627820
490/06/09 19:48:40	43.338747
492/01/16 10:26:14	40.682662
493/08/19 17:15:48	42.259012
495/03/29 18:37:55	42.928413
496/11/01 00:10:19	39.688576
498/06/07 11:54:19	43.346553
500/01/13 23:24:18	40.589425
501/08/17 07:20:49	42.332260
503/03/27 10:29:07	42.883883
504/10/29 13:35:15	39.751634
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509/08/14 21:59:50	42.400140
511/03/25 01:59:38	42.842709
512/10/27 02:44:33	39.812257
514/06/02 20:24:32	43.352738
516/01/09 02:14:40	40.393996
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519/03/22 17:11:39	42.798000
520/10/24 15:47:32	39.884629
522/05/31 13:05:13	43.349690
524/01/06 16:17:29	40.305540
525/08/10 02:43:38	42.547069
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528/10/22 04:55:17	39.953816

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532/01/04 06:04:34	40.219833
533/08/07 16:35:51	42.609973
535/03/17 22:20:24	42.696111
536/10/19 18:24:13	40.025073
538/05/26 23:13:11	43.348378
540/01/01 19:33:41	40.139702
541/08/05 06:31:21	42.673631
543/03/15 12:48:16	42.638343
544/10/17 08:14:52	40.105617
546/05/24 16:02:18	43.350351
547/12/30 08:51:58	40.059766
549/08/02 20:42:17	42.730015
551/03/13 03:39:47	42.571558
552/10/14 22:03:51	40.191780
554/05/22 08:42:26	43.346484
555/12/27 21:48:54	39.984788
557/07/31 11:29:30	42.776625
559/03/10 18:37:00	42.512127
560/10/12 11:35:01	40.280360
562/05/20 01:00:03	43.348551
563/12/25 10:55:27	39.908517
565/07/29 02:36:33	42.830704
567/03/08 09:34:38	42.446206
568/10/10 00:45:44	40.376617
570/05/17 17:14:48	43.340501
571/12/23 00:36:24	39.834019
573/07/26 17:54:16	42.881422
575/03/06 00:17:21	42.379323
576/10/07 13:32:34	40.470189

578/05/15 09:39:36	43.328641
579/12/20 14:27:47	39.768175
581/07/24 08:58:48	42.929340
583/03/03 14:34:25	42.316067
584/10/05 02:24:36	40.563861
586/05/13 02:31:17	43.318592
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589/07/21 23:52:39	42.975995
591/03/01 04:11:00	42.245388
592/10/02 15:39:31	40.654895
594/05/10 19:24:27	43.307825
595/12/15 18:20:28	39.656138
597/07/19 14:32:15	43.019803
599/02/26 17:54:07	42.162622
600/09/30 05:16:00	40.753135
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608/09/27 19:03:05	40.851746
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611/12/10 20:59:52	39.573735
613/07/14 20:39:10	43.085898
615/02/21 22:13:15	42.001192
616/09/25 08:48:22	40.952607
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619/12/08 10:16:53	39.532345
621/07/12 12:22:30	43.114822
623/02/19 12:35:29	41.916934
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627/12/05 23:41:36	39.501245
629/07/10 04:18:32	43.144515
631/02/17 02:53:59	41.837079
632/09/20 10:49:57	41.161941
634/04/29 05:40:18	43.243901
635/12/03 13:28:55	39.474141
637/07/07 20:22:03	43.171923
639/02/14 16:36:04	41.753447
640/09/17 23:41:20	41.255696
642/04/26 21:51:22	43.224538
643/12/01 03:38:26	39.447802
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647/02/12 06:00:33	41.663397
648/09/15 12:52:46	41.355844
650/04/24 14:25:09	43.199546
651/11/28 17:47:49	39.443871
653/07/03 03:42:05	43.228294
655/02/09 19:18:45	41.577126
656/09/13 02:23:26	41.450258
658/04/22 07:10:53	43.177786
659/11/26 07:30:53	39.440084
661/06/30 19:13:07	43.248287
663/02/07 08:35:27	41.479258
664/09/10 16:21:09	41.543523
666/04/19 23:45:15	43.157163
667/11/23 20:55:32	39.441929
669/06/28 10:54:40	43.266190
671/02/04 22:12:44	41.381745
672/09/08 06:11:08	41.643927

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675/11/21 10:04:25	39.452033
677/06/26 02:57:08	43.280317
679/02/02 12:17:42	41.285031
680/09/05 19:48:12	41.743495
682/04/15 07:36:30	43.109056
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685/06/23 19:28:38	43.287798
687/01/31 02:09:39	41.192118
688/09/03 09:03:11	41.833219
690/04/12 23:02:24	43.084154
691/11/16 13:02:56	39.477530
693/06/21 12:15:02	43.305071
695/01/28 15:49:08	41.098013
696/08/31 22:16:04	41.928991
698/04/10 14:32:58	43.048290
699/11/14 03:09:59	39.506629
701/06/19 04:44:59	43.317490
703/01/26 05:11:11	41.005508
704/08/29 11:27:05	42.014198
706/04/08 06:25:09	43.009873
707/11/11 17:15:03	39.538694
709/06/16 21:06:31	43.327940
711/01/23 18:08:42	40.910549
712/08/27 01:13:19	42.092526
714/04/05 22:29:11	42.976184
715/11/09 07:08:26	39.580946
717/06/14 13:06:49	43.339927
719/01/21 07:06:38	40.814987
720/08/24 15:19:10	42.174972

722/04/03 14:25:28	42.940021
723/11/06 20:38:01	39.629425
725/06/12 05:03:04	43.345034
727/01/18 20:25:40	40.712469
728/08/22 05:41:29	42.256553
730/04/01 06:09:27	42.898621
731/11/04 09:44:30	39.683716
733/06/09 21:19:16	43.342224
735/01/16 10:01:56	40.618066
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886/12/01 03:17:09	39.466876
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894/11/28 16:25:26	39.457585
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2ND MILLENNIUM CE

This is a list of perigees of Venus in the 2nd millennium CE.

DATA TDT DISTANCE

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mln

km

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1057/12/22 23:44:26	39.781624
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- 1137/11/28 16:26:44 39.462831
- 1139/07/04 09:07:37 43.296678
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- 1150/09/11 17:43:00 41.708275
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- 1163/06/27 08:11:19 43.335722
- 1165/02/02 12:36:48 41.146832
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1990/01/18 02:48:54	39.993627
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1996/06/10 14:18:51 43.241989 1998/01/15 16:21:22 39.924271 1999/08/20 19:09:37 43.058006

3RD MILLENNIUM CE

This is a list of perigees of Venus in the 3rd millennium CE.

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2568/10/12 02:54:21	41.695473
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2714/04/10 21:04:02	42.050168
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2763/10/29 17:18:43	41.154076
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2767/01/10 09:52:12	39.667272
2768/08/15 05:35:26	43.374710
2770/03/24 22:57:27	41.617567
2771/10/27 06:35:17	41.259762
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2792/08/08 03:24:46 43.433281

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2904/07/07 13:21:43	43.328401
2906/02/12 05:44:24	40.363744
2907/09/17 05:39:43	42.832270
2909/04/26 06:04:28	42.274788
2910/11/28 18:59:25	40.110656
2912/07/05 05:20:49	43.308325
2914/02/09 18:26:10	40.290518
2915/09/14 20:32:53	42.898331
2917/04/23 21:18:46	42.228132
2918/11/26 08:39:14	40.186330
2920/07/02 21:25:32	43.281247
2922/02/07 07:36:45	40.213887
2923/09/12 11:33:06	42.964215
2925/04/21 12:10:05	42.179487
2926/11/23 22:08:01	40.268934
2928/06/30 13:47:54	43.250240
2930/02/04 21:05:21	40.149438
2931/09/10 02:09:25	43.027565
2933/04/19 02:41:56	42.135411
2934/11/21 11:42:19	40.352059
2936/06/28 06:44:05	43.220758

2938/02/02 10:38:04	40.087150
2939/09/07 16:40:16	43.085437
2941/04/16 16:45:00	42.083797
2942/11/19 01:50:50	40.430975
2944/06/25 23:38:34	43.193733
2946/01/30 23:54:43	40.024710
2947/09/05 06:48:47	43.140745
2949/04/14 06:50:47	42.026583
2950/11/16 16:09:00	40.524188
2952/06/23 16:30:56	43.164710
2954/01/28 12:48:05	39.975638
2955/09/02 21:11:36	43.185498
2957/04/11 21:09:46	41.971106
2958/11/14 06:29:20	40.619425
2960/06/21 09:02:48	43.138103
2962/01/26 01:22:53	39.920341
2963/08/31 12:00:05	43.225013
2965/04/09 11:37:45	41.909941
2966/11/11 20:42:24	40.716061
2968/06/19 01:19:26	43.110148
2970/01/23 14:15:10	39.864386
2971/08/29 03:23:48	43.264956
2973/04/07 02:12:47	41.852622
2974/11/09 10:32:18	40.821725
2976/06/16 17:19:15	43.078071
2978/01/21 03:36:59	39.817484
2979/08/26 18:50:11	43.302255
2981/04/04 16:39:28	41.796264
2982/11/07 00:01:03	40.925741
2984/06/14 09:37:04	43.038907

2986/01/18 17:14:14 39.773909	2986/01/18	17:14:14	39.773909
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2987/08/24 10:18:10 43.333400

2989/04/02 06:24:58 41.740518

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2995/08/22 01:24:28 43.370174

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2998/11/02 03:18:50 41.127144